

Appn. Number: 10/050,193 Reply to Non-Compliant Amendment of 11/8/04, and Office action of **Election/Restriction** of 8/8/05

Appn. Number: 10/050,193

Appn. Filed 01/16/2002

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Amendment to the Drawings

Please replace drawing sheet page: 2,3,5,7,9,10,11,13,16,17,24, and previous amended elements of these drawings with the following amended drawing, page: 2,3,5,7,9,10,11,13,16,17,24.

Please add the following new drawing sheet pages after drawing sheet page 25: please add page 26 to page 47.

General-REMARKS

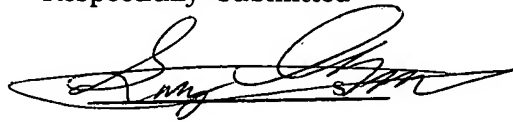
I the applicant have amended the specification and claims hereof to emphasize the scope and alternative aspects of the invention. In response to the Notice of Non Compliant Amendment under Section 37 CFR 1.21 that was maid on 11/08/2004, and Office action of Election/Restriction of Section 35u.s.c.121 mailed 8/8/05, applicant have submit a substitute version of the specification hereof. In the provided specification, the applicant also emphasize the enhancement procedure in which the provided audio circuit such as the audio equalizer circuit or crossover network circuit that provides the enhancement procedure is considered as an audio enhancing circuit. Grammatical corrections or editorial corrections where made to put the application in full and clear condition in which the condition is able to clearly define and relate the novel embodiments, which are interrelated and interconnected constituent of the encircled invention. Furthermore, amendments were made to the claims to emphasize the scope of the invention and to distinguish the claims from the second recited embodiment hereof. In response to the Election/Restriction Office Action mailed on 8/8/05, claim 1-15 has bin canceled for the compliance of technical requirement hereof. Therefore, claim 16-36 has bin submitted as new claims to distinctively recite the selected invention by exclusive recitations thereof. In this manner, the applicant distinguishably reconstructed the recitations of invention 1, which is accordingly construed as the recitation of an audio system having a frequency divider. Therefore, the applicant excluded reciting invention 2, which recites the method of externally coupling and communicating between an audio port and an audio reproductive system.

Therefore, the reconstructed recitation of invention 1, recites at least one audio enhancing circuit in which provides enhance audio signals comprising a **communication system** and control means. From that aspect, the proceeding interpretation is recited as at least one provided variable or invariable audio enhancing circuit for providing variable or invariable enhanced audio signals comprising one or two communicative channels of the audio enhancing circuit for channeling the acoustic enhancement procedure to ~~the~~ **communication system** which further comprises the at least one audio enhancing circuit for communicating the enhance audio signals. Thereby, the invention is able to be defined distinctively to overcome the technical restrictions of Section 35u.s.c.121 herein.

Thank you

Sincerely: Sonny Chambers

Respectfully submitted

A handwritten signature in black ink, appearing to read 'Sonny Chambers', with a stylized flourish extending to the right.

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Fig. 8 Fig. 9 (Illustrate) ~~Illustrates~~ a ~~ruff rough~~ draft view of ~~signals flows an~~ audio signal flowchart demonstrating one band or one channel of audio signals communicating throughout ~~through-out~~ an entire acoustic enhancement communication system. The method of one band or one channel communication employs a unique one-way tunable crossover network or tunable filter circuit having only one output channel whereby producing only one channel of plural band enhanced audio signals for communicating the enhanced audio signals to a communication system thereby the one-way tunable crossover network or tunable filter circuit herein driving at least full-range speaker or at least one various-range speaker system, which depends an the arrangement of the application hereof. ~~through-out-a Signal~~ Signals flows flow 53 from (a) microphone output ~~the output-section 26 of a microphone 84,~~ then throughout the acoustic enhancement communication system. Horizontally to the right of said microphone is a ~~eressover-network~~ one-way crossover network circuit or tunable filter circuit. From the microphone's said output section, signals of said microphone original audio signals are sent to the input port 87 or input section of a 3-way crossover network the 1-way crossover network circuit or tunable filter circuit 103 which consist of a 3-way crossover network, and a serial transmission IC timer circuit, in which said original audio signals are generated into three, then one multi-band or multi-one channel of enhanced audio signals. The one band or one channel of filtered enhanced audio signals that emit from said 1-way crossover network circuit or tunable filter circuit is then applies input signals applied to the input of a an audio amplifier preamplifier 28. Horizontally to the right of said audio amplifier preamplifier is (a) an adjacent audio-transmitting transmitter section 86 that is enclosed with an adjacent receiver in a transceiver device. Said The one band or channel of enhanced amplified pre-amplified audio signals that output from the said audio preamplifier amplifier (is) is entered-into then injected into said adjacent transmitting transmitter section. From the output section of the transmitter, said one band or one channel of enhanced audio signals is injected to the input of a Hybrid Network 104. Vertically to the left of the adjacent transmitter transmitting device 86 is (a) ~~receiving-audio-section~~ the adjacent receiver section 85() where in which the one channel of multi-bands or one band of enhanced audio signals from the output of said Hybrid Network are ~~said input signals are~~ respectively join to the injected to the input of said audio-receiving the receiver section, whereby the received enhanced audio signals drives at least one full range speaker or a speaker system of the receiver hereof providing that said receiver section consist of an integrated retrieval circuit at the end audio circuit of said receiver that is able to retrieve the parent divided band of audio signals which was produced by the prior 3-way crossover network circuit that was arranged to produce and output the divided bands of audio signals to the IC timer circuit then to said receiver section that includes the integrated retrieval circuit, whereby retrieves the received enhanced audio signals that in which drives at least one full range speaker or at least one various-range speaker system of the receiver hereof.



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Amendments to the Specification:

Please replace this section of the specification page [69 to page 70] with the following amended section of the specification:

Audio-Cell Audio-Cell Acoustic Enhancement Communication**Abstract**

[Page 69-70] A communication system communicating apparatus (.) having a crossover network comprising at least one audio enhancing circuit (47) consisting of at least one input port or input section which is capable of inputting original audio signals from at least one output port or output section of at least one acoustic source such a microphone. Furthermore, said at least one audio enhancing circuit is capable of enhancing said original audio signals to magnificently enhanced quality value that is at least in part of intelligible perimeter in which is important for reasonable perception. Said magnificently enhanced quality value extends from the acoustic value of "telephone quality audio signals" thereto enhanced acoustic value thereby. Said at least one audio enhancing circuit further employs at least one or two communicative channel which is able to channel the acoustic enhancement communication procedure in a simplex or duplex mode thereof, and provides at least one band of audio signals or at least three bands of audio signals that is able to band predetermine audio signals for the emphasis of audio tone herein, and control means are provided to the audio enhancing circuit for controlling said audio signals in which the control means comprising (a) tunable selecting means (.) coordinating with a volume peaking means for giving provides a user with the option of subjective control to select and boost a preferred audio setting while communicating said audio signals or said enhanced audio signals, audio signals to a user (.) said crossover network is adapted for dividing and tuning at least three band (of audio) frequency signals while transmitting and receiving communication or said at least one audio enhancing circuit is able to provide fixed components herein such as fixed capacitors, fixed resistors, fixed inductors, et cetera for the implementation of fixed enchantment acoustic quality value thereof.



Furthermore, for the conveyance of unlimited band quality audio signals over a communication spectrum such as a voice frequency spectrum, multiplexing means are provided herein in which is able to communicate the enhanced quality of audio signals in accordance with the degree of the conveying signals that is applied in an application hereof. The crossover network Said at least one audio enhancing circuit as recited wherein (a) is recited as at least one section of, may be integrated with, or an audio processing circuit, an audio preamplifier circuit, an audio equalizer circuit, an audio amplifier circuit, other audio circuits that are capable of possessing or/and enhancing audio signals for connecting to a communication system. The three bands of audio signals of said audio enhancing circuit is able to employ at least one band of high audio frequency signals (74) which may be specified at an approximate value that is capable of vocal accentuation for which is important for intelligibility and the manipulation of clarity signal, (a) at least one band of midrange audio frequency signals (75) which may be of specified value which are important for audio quality, and (a) at least one band of low low-range audio frequency signals (76) which may be of specified value that are fundamental to vocal signals herein. Thereby, each band of audio signals is (.) each is employed for driving (an) stressed to individual magnetic region implement magnificent perception therein. The adjacent receiving receiver section (85) may further comprise comprising a dispensable output section, for voluntarily coupling externally to an independent audio system. Port (.) adopted for coupling to an external acoustic medium (.) the same having means for connecting to (an) external audio system in a (motor) vehicle (.)